DOCUMENT RESUME

ED 411 712 FL 801 188

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TITLE	The Numeracy Handbook: A Resource for Literacy and Numeracy Teachers.
INSTITUTION	Macquarie Univ., Sydney (Australia). National Centre for English Language Teaching and Research.; Save the Children, London (England).
ISBN	ISBN-1-86408-276-3
PUB DATE	1997-00-00
NOTE	126p.
AVAILABLE FROM	National Centre for English Language Teaching and Research, Macquarie University, Sydney, New South Wales, Australia 2109 ($26.95, Australian).
PUB TYPE	Guides - Classroom - Teacher (052)
EDRS PRICE	Document Not Available from EDRS.
DESCRIPTORS	Adult Education; Calculators; Concept Formation; *Course Organization; Curriculum Design; Diagrams; *English (Second Language); Estimation (Mathematics); Foreign Countries; Graphs; Instructional Design; *Job Skills; Language Role; Language Usage; *Literacy Education; *Mathematical Concepts; Mathematics Instruction; Mathematics Skills; Measurement; Number Systems; *Numeracy; Professional Development; Second Language Instruction; Spatial Ability; Teaching Guides; Vocational Education; Vocational English (Second Language)

ABSTRACT

The numeracy handbook is a practical guide for teachers of numeracy and literacy to learners of English as a Second Language. Focus is on teaching numeracy and integrating numeracy and literacy. It considers issues in defining and teaching numeracy, examines numeracy in the workplace, designing a course and a unit of work, and analyzes numeracy skills. It also includes class activities at three levels of difficulty, a section on professional development activities for teachers, and a list of resources currently available in this field. The handbook contains five sections: (1) issues in teaching numeracy (why teach numeracy, the difference between numeracy and mathematics, numeracy theories, helping students develop numeracy concepts, developing mathematical language); (2) numeracy in the workplace (numeracy in occupations, changing numeracy demands, metric and imperial systems in the workplace, numeracy in workplace tasks); (3) designing a course (the design process, student profile, student needs and goals, planning a course, disparate levels, general methodological principles, assessment); (4) designing a unit of work (integrating language, literacy, and numeracy in the classroom, starting with a text type, starting with a numeracy concept, starting with a task, starting with a topical issue); and (5) numeracy strands and skills (the number system, space, measurement, data, estimation, calculator). (MSE) (Adjunct ERIC Clearinghouse on Literacy Education)

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